

# Type 1 Facility Closeout Report

## Section A. Facility Data

Facility No.	181
Facility Descriptor:	Meteorological Tower - SE Buffer Zone Area
Project:	RISS
Date of Demolition:	Tower removed 10/12/01 - Concrete removed 12/14/01
Additional Information:	Tower sold at PU&D - Concrete sent to landfill

*(Must include information on environmental releases and conditions of site at turnover to Environmental Restoration)*

## Section B. Final Characterization Data

Reconnaissance Level Characterization Report <i>(concurrence received)</i>	PRE - Tower on 3/6/01 and Concrete 1/03/02 (See attachments)
In-process Characterization	N/A
Pre-Demolition Survey Report <i>(approval received)</i>	N/A
Post-Demolition Survey Report <i>(as necessary)</i>	N/A

## Section C. Waste Data *(complete categories as appropriate)*

### Sanitary Disposal

Disposal Site:	Front Range Landfill, Erie, Co.
Waste Volume (m <sup>3</sup> ):	25 cubic yards or 19.1 cubic meters
Waste Weight (tons):	50.1 Tons
Additional Information:	Addresses concrete only

### Hazardous Disposal

Disposal Site:	N/A
Waste Volume (m <sup>3</sup> ):	N/A
Additional Information:	N/A

### TSCA Waste Disposal

Disposal Site:	N/A
Waste Volume (m <sup>3</sup> ):	N/A
Additional Information:	N/A

### Asbestos Waste Disposal

Disposal Site:	N/A
Waste Volume (m <sup>3</sup> ):	N/A
Additional Information:	N/A

### Low-Level Waste Disposal

Disposal Site:	N/A
Waste Volume (m <sup>3</sup> ):	N/A
Additional Information:	N/A

### Low-Level Mixed Waste Disposal

Disposal Site:	N/A
Waste Volume (m <sup>3</sup> ):	N/A
Additional Information:	N/A

### Recycled Material

Recycle Facility:	N/A
Waste Volume (m <sup>3</sup> ):	N/A
Additional Information:	N/A

### Property Disposition

Receiver Locations <i>(major items only):</i>	
Volume (m <sup>3</sup> ):	N/A
Weight (tons):	N/A
Additional Information:	N/A

## Section D. Approvals

Kaiser-Hill Project Manager		4/29/02
Name/Signature		Date

MAY 2002  
RECORDS CENTER

ADMIN RECORD

BZ-A-000545

1/10

COPY



Property



Waste



Sample

## RELEASE EVALUATION FORM

Page 1 of 1Release Evaluation No.: 010404-00116-002 EXTENDED: No EXPIRES: N/A Charge No.: N/A

## PART I

## SENDER/CUSTODIAN

## ACKNOWLEDGEMENT

Description of Property/Waste/Sample To Be Released/Transferred: Miscellaneous, small concrete slabs located in the east buffer zone, and associated electrical poles, electrical equipment, and cables.

Current Location: East buffer zone – GWEN tower area

Destination: Materials will be either reused on site or be disposed to a proper landfill.

New Recipient/Custodian: Cameron Freiboth, B116, X2823

History/Process Knowledge: The indicated objects were used as the foundation and electrical support for aerial telecommunication towers and a small shed for the Air Force at RFETS. The area has never been posted as a RBA/CA, and site documents, including affected soil disturbance permit, indicate no radiological concerns. The associated equipment has been removed, and all radiological evaluation indicated no radiological concerns.

Has the specified material ever been in an RBA/CA or contacted DOE controlled radioactive materials? No

- 1) By signing below, I certify information provided in Part I of this release evaluation to be true and accurate.
- 2) By signing below, I agree to comply with the specific requirements noted in Part II of this release evaluation.

Sender/Custodian: Cameron Freiboth / [Signature] Emp. No: [Redacted] Date: 01/23/01 Ext: 2823

## PART II

## RADIOLOGICAL ENGINEERING

## SPECIFIC REQUIREMENTS AND/OR COMMENTS:

Process history of this area and prior associated equipment indicate no radiological concerns for the waste listed above. In addition, the area in which the indicated waste is located is not a "Radiological" Area as defined in 10CFR835. The waste has never been stored or used in a radiological area. As a result, no radiological surveys are required prior to unrestricted release. These materials may be reused or disposed of in accordance with site procedures, without further radiological characterization. The underside of the concrete will not require radiological surveys due to the soil disturbance permit indicating no radiological concerns (copy of permit is included as an attachment to this release evaluation). In addition, a copy of the release evaluation (REN# - 010309-RISS-001) for the prior associated equipment is provided as an attachment to this release evaluation.

- 1.) Custodian,, ensure that only the items described are included as a part of this release evaluation. Ensure that all soil is removed from the collected concrete upon demolition, prior to recycle, reuse, or waste disposal
- 2.) Custodian, retain a copy of all documents required by this release evaluation. The sender/custodian will be responsible for ensuring a copy of this release evaluation is available for auditing/due diligence purposes.
- 3.) Radiological Engineer, process release evaluation to indicate an unrestricted free-release. Sign all appropriate documentation required for the disposition of the affected item.

**PROPERTY/WASTE RELEASE EVALUATION SIGNATURE REQUIREMENTS**Release Evaluation #: 010404-00116-002**COPY**Page 2 of 7

Evaluated: Jay M. Britten / *J. M. Britten* Emp. No:                      Date: 4/23/01 Ext: 3050  
 Radiological Engineer

**APPROVAL FOR TRANSFER/SHIPMENT**

Approved: Chad Blake / *CS Blake* Emp. No:                      Date: 04/23/01 Ext: 709  
 Radiological Engineer

**Release Evaluation for Waste:**

A Release Evaluation for Waste requires an evaluation and unrestricted release approval signature. The evaluation signature is by the Radiological Engineer (RE) providing the methods or criteria for unrestricted release (i.e., survey requirements, analytical requirements, no survey required, etc.). The unrestricted release approval signature for a Release Evaluation for Waste shall be a RE authorized to provide unrestricted release approval. In addition, the evaluation and unrestricted release approval signatures shall not be the same RE. The intent of this provision is to provide peer review of the evaluation and method of unrestricted release. It is important the RE take the peer review process seriously and not become a "rubber stamp" for their fellow engineer.

**Release Evaluation for Property:**

A Release Evaluation for Property requires an evaluation and unrestricted release approval signature. For a Release Evaluation for Property, the evaluation and unrestricted release signature may be the same RE. In the past, only one signature was required for property for which a RE could provide an unrestricted release on the basis of process knowledge/history.

**Release Evaluation for Samples:**

Samples are any waste or material that is being shipped to an off-site facility for analysis. Samples that may be provided with an unrestricted release using process knowledge/history or standard contamination survey techniques may be authorized for shipment to an off-site facility using the signatory requirements specified for property. Samples which cannot be provided with an unrestricted release using process knowledge/history or standard contamination survey techniques shall be authorized for shipment from the Site using the methodology specified for waste, i.e., second signature being provided by a RE authorized to perform peer review and approval for shipment.

**PROPERTY/WASTE RELEASE EVALUATION SIGNATURE REQUIREMENTS**Release Evaluation #: 010404-00116-002

COPY

Page 3 of 7

The approval for transfer/shipment section of a Sample Release Evaluation (SRE) shall be revised as noted below for samples which cannot be provide with an unrestricted release.

*"The samples specified in Part 1 of this release evaluation are being provided with authorization for transport as non-radioactive materials in accordance with Department of Transportation (49 CFR) regulation. This authorization for shipment does not constitute an unrestricted release."*

**Additional Documentation:**

Number of lines per section may be modified or additional pages attached to ensure adequate documentation of information necessary to perform release evaluation.

Additional pages or attachments to a release evaluation shall have the evaluation number, Page \_\_ of \_\_, initials of Radiological Engineer signing approval for transfer/shipment and date.



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**Soil Disturbance Site Survey Assessment Report**

Authorization Number: EFB70200  
Project Title: Clean Up GWEN Tower Area – East Buffer Zone  
Prepared By: Chad Blake, Radiological Engineer, RISS, X5909  
Radiological Engineering  
Number: 011-01  
Date: February 22, 2001

This soil disturbance package addresses clean up efforts in the GWEN Tower area location in the East Buffer Zone (the attached work package includes maps of the proposed locations). Materials to be removed include posts, anchors, concrete slabs, fences, etc.

The planned sampling locations are not within an Individual Hazardous Substance Site (IHSS), or Potential Area of Concern (PAC). Historical data and process knowledge indicate that radiological soil concentration levels in this area are well below RFCA Tier II Action Levels; therefore, entry into Soil Contamination Areas will not be required. A Radiological Work Permit **will not be required** to perform this work. Sampling is required in accordance with the attached environmental assessment; however, radiological analysis is not required.

The work will require entry into a "Controlled Area" (for radiological purposes). Entry and Exit requirements are as follows:

- Successful completion of Visitor Orientation for unescorted entry of members of the general public
- General Employee Radiological Training
- There are no specific requirements for personnel exiting a "Controlled Area"
- All Buffer Zone activities must be scheduled on the Plan of the Day (contact Randy Guild, X5302)

There are additional Radiological Protection requirements for the unrestricted release of materials from RFETS. The requirements are as follows:

- **All wastes** generated and **property/equipment/samples** associated with this project (including equipment, concrete waste, etc.) must be evaluated in accordance with *PRO-141-RSP-09.01*, Unrestricted Release of Property, Material, Equipment and Waste, and *PRO-1004-RSP-09.08*, Radioactive Material Transfer and Unrestricted Release of Property, Waste and Samples.

The area in which work will be conducted is controlled by RISS. A copy of this correspondence has been sent to Curtis Bean, RISS Radiological Safety Manager. Please contact Curtis at X2069 for further radiological support. Radiological Operations (RCT) support will always be available to the project on a call basis (frisking, surveys, etc.), but is not required. Radiological Engineering support will also be available to perform the required release evaluations listed above, as well as to answer any questions the project may have. Please feel free to contact me at X5909.

Written direction from K-H Environmental Compliance (Greg Sollner, x3541) is required to disposition soils.

Deviations from the currently defined scope of work will require further evaluation by Radiological Engineering.

If any unusual material/debris is encountered during this excavation, work must be stopped and RISS Radiological Engineering and Operations notified for evaluation prior to continuing.

COPY

COPY

☒ Property☐ Waste☐ Sample

## RELEASE EVALUATION FORM

Page 1 of 2

Release Evaluation No.: 010309-RISS-001 EXTENDED: NA EXPIRES: NA Charge No.: EFB70200

## PART I

## SENDER/CUSTODIAN

## ACKNOWLEDGEMENT

Description of Property/Waste/Sample To Be Released/Transferred: Security Fencing, Chain Link Fabric, Vertical Fence Posts, Horizontal Brace Posts, Barbed Wire, Fence Gates (assembled), Fence Caps, Clamps, Bolt Hardware, Barbed Wire Extension Arms & Misc. Hardware.

Current Location: East Buffer Zone, North of Central Ave. (GWEN Tower Location)


Destination: PU&amp;D

New Recipient/Custodian: PU&amp;D, Eric Fairchild, X3223

History/Process Knowledge: Materials were used in support of Air Force "Ground Wave Emergency Navigation" GWEN Tower. The Tower and associated components were removed. The area is NOT an RMA/RBA/CA/SCA.

Has the specified material ever been in an RBA/CA or contacted DOE controlled radioactive materials? No

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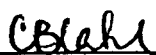
Sender/Custodian: Al Helmick/  Emp. No:                      Date: 03/09/01 Ext: 7604

## PART II

## RADIOLOGICAL ENGINEERING

## SPECIFIC REQUIREMENTS AND/OR COMMENTS:

*The area in which these materials were utilized is not a "Radiological" Area as defined in 10CFR835. The materials have never been used or stored in a radiological area. The materials can be resold or recycled under the current DOE Recycled Waste Moratorium. Based on history and process knowledge of the area, the materials specified in Part I of this evaluation may be free (unrestricted) released with no further radiological characterization required.*

Evaluated: Chad Blake/  Emp. No:                      Date: 03/09/01 Ext: 5909  
Radiological Engineer

## APPROVAL FOR TRANSFER/SHIPMENT

Approved: Chad Blake Emp. No:                      Date: 03/09/01 Ext: 5909  
Radiological Engineer

**PROPERTY/WASTE RELEASE EVALUATION SIGNATURE REQUIREMENTS****Release Evaluation #:** 010309-RISS-001 **Page 2 of 2****Release Evaluation for Waste:**

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COPY

☒ Property☐ Waste☐ Sample

## RELEASE EVALUATION FORM

Page 1 of 2

Release Evaluation No.: 010309-RISS-001EXTENDED: NA EXPIRES: NACharge No.: EFB70200PART I  
ACKNOWLEDGEMENT

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Sender/Custodian: Al HelmickEmp. No. [REDACTED]Date: 03/09/01 Ext: 7604

## PART II

## RADIOLOGICAL ENGINEERING

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Evaluated: Chad Blake

Radiological Engineer

Emp. No. [REDACTED]Date: 03/09/01 Ext: 5909

## APPROVAL FOR TRANSFER/SHIPMENT

Approved: Chad Blake

Radiological Engineer

Emp. No. [REDACTED]Date: 03/09/01 Ext: 5909

**PROPERTY/WASTE RELEASE EVALUATION SIGNATURE REQUIREMENTS**Release Evaluation #: 010309-RISS-001 Page 2 of 2**Release Evaluation for Waste:**

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